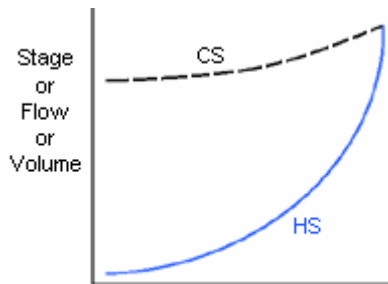


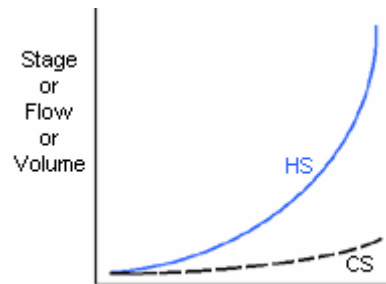
This graph shows chances of the river stage, flow, or volume going above various levels during the forecast period labeled above the graph. Similar plots are usually available for one or more of these variables at this forecast location. The **conditional simulation (CS)** line indicates chances of the river going above given levels based on current conditions. The **historical simulation (HS)** line indicates the chances of the river going above given levels based on the total range of past levels.

These long-range forecasts or outlooks allow you to see what computer simulations can tell us about extended periods. *Remember that this information is **indicative**, that is, it only gives you probabilities or chances of possible scenarios.* It should be expected that conditions can and will change over such extended periods. These forecasts are updated periodically and should be consulted on a regular basis.

Here are some possible scenarios to help you understand this graphic:



More wet than “normal” conditions over the forecast period.
The chances are greater for wet conditions, as indicated by the **Conditional Simulation**, over the entire range of possible outcomes.



More dry than “normal” conditions over the forecast period.
The chances are greater for dry conditions, as indicated by the **Conditional Simulation**, over the entire range of possible outcomes.

When the two simulations are very close across the entire range, the chances of the river going over a certain level is similar to the total range of past levels.

Links to past and forecast precipitation, river level impact and historical flood information are also included on this page.

The following terminology is used when describing floods:

Minor flooding - minimal or no property damage, but possibly some public threat or inconvenience.

Moderate Flooding - some inundation of structures and roads near stream. Some evacuations of people and/or transfer of property to higher elevations is necessary.

Major Flooding - extensive inundation of structures and roads. Significant evacuations of people and/or transfer of property to higher elevations.